

4 of proteins of *Pythium insidiosum* in a sterile aqueous
5 solution, wherein the mixture of proteins is (1) of
6 mixed intracellular proteins removed from disrupted
7 cells of the *Pythium insidiosum* grown in a culture
8 medium and (2) of mixed extracellular proteins from the
9 culture medium for growing the *Pythium insidiosum*[:]
10 wherein the mixed intracellular proteins and the mixed
11 extracellular proteins in water have been dialyzed to
12 remove low molecular weight components less than 10,000
13 MW; and

14 (b) vaccinating the patient with the vaccine.

-18-(Twice amended)

1 A method for the treatment of Pythiosis in a
2 mammal having the disease which comprises:

3 (a) providing an injectable vaccine derived
4 from growing cells of *Pythium insidiosum* in a culture
5 medium which comprises in a sterile aqueous solution in
6 admixture:

7 (1) mixed intracellular proteins removed from
8 disrupted cells of the *Pythium insidiosum*; and

9 (2) mixed extracellular proteins removed from
10 a supernatant from growing the cells of the *Pythium*
11 *insidiosum*;

12 wherein the mixed intracellular proteins and the mixed
13 extracellular proteins in water have been dialyzed to